

Book ✓

BSI-Inspectorate America
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QUALITY CERTIFICATE

Vessel	SHORE TANK NO. 4	Port	SEARSPORT, MAINE	Report	SP/05/1025
Customer	SPRAGUE	Date	October 25, 2005	Reference	V-05-01523
Operation	ANALYSIS	Terminal	SPRAGUE	Sample #	239089

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF MINERVA ZEN
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052			10.5
FLASH POINT, F	ASTM D 93			190
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			220
POUR POINT, F	ASTM D 97			+21.2
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.05
SULPHUR, % WT.	ASTM D 4294			1.87
ASH, % WT.	ASTM D 482			0.01
BARONIUM, PPM	AA/AE			65
SODIUM, PPM	AA/AE			9
BTU'S/POUND	CALCULATION			18,283
BTU'S/GALLON	CONVERSION			151,731
NITROGEN, % WT.	ASTM D 5762			0.3599
CARBON RESIDUE, % WT.	ASTM D 4530			12.8
ASPHALTENES, % WT.	IP-143			3.60
<p>SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.</p>				

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